

Programming the TV PWR Key

1. Turn on the device (TV or audio device).
2. Refer to the code list and note the first code listed for your brand.
3. Simultaneously press the **TIVO** and **TV PWR** keys for three seconds. The feedback LED will turn on and stay on.
4. Using the numeric keys, enter the first code for your brand. The activity LED will blink 3 times and turn off.
5. Point the remote at your TV or Audio device and press the TV PWR key to see if it responds.
6. If the device does not turn off, repeat steps 2-5 using the next code listed for your brand.
7. For a TV, point the RCU at the TV and press the **INPUT**, **VOL** and **MUTE** keys.
8. If the TV Input or volume does not change, repeat steps 2-7, selecting a the next code listed for your brand.
9. When the TV responds to key-presses as expected, setup is complete.

Programming the INPUT Key

1. Turn on the TV (device).
2. Refer to the code list and note the first code listed for your brand.
3. Simultaneously press the **TIVO** and **INPUT** keys for three seconds until the feedback LED stays lit.
4. Using the numeric keys, enter the first code for your brand. The activity LED will blink 3 times and turn off.
5. Point the RCU at the device and press the Input key.
6. If the TV does not display the name of a signal source, repeat steps 2-5, selecting the next code listed for your brand.

Programming the VOL and MUTE Keys

1. Turn on the TV or audio device.
2. Refer to the code list and note the first code listed for your brand.
3. Simultaneously press the **TIVO** and the **Mute** key for three seconds. The feedback LED will turn on and stay on.
4. Using the numeric keys, enter the first code for your brand. The activity LED will blink 3 times and turn off.
5. Point the RCU at the device and test each of the **VOL** keys.
6. If the volume does not increase, decrease, and mute, repeat steps 2-5, selecting the next code listed for your brand.
7. If the volume controls all function as expected, setup is complete.

Setup Codes For Audio - Amplifier (A)	
Arcam	2006
Carver	2000
Classé	2009, 2010, 2015
Danon	2014, 2012
Durabrand	2005
Emotiva	2008, 2019, 2020, 2021, 2022
Halco	2011
Harman/Kardon	2002, 2016
Left Coast	2002
Lexicon	2004
Linn	2000
Magnavox	2000
Marantz	2013, 2000, 2002, 2007
Memorex	2005
NAD	2003
New Acoustic Dimension	2003
NuForce	2018
Optimus	2001
Parasound	2011
Pass	2000
Pass Labs	2000
Philips	2000, 2002
Pioneer	2001
Polk Audio	2000, 2002
RCA	2001
Regent	2005
Sony	2017
Setup Codes For Cable Set Top Box (C)	
TiVo	0-9 (4602)
Setup Codes For Audio - Accessory (M)	
Altec Lansing	2023, 2035
Audio Solutions	2051
AudioSource	2059
B & W	2073, 2029, 2069
Bose	2058, 2057
Boston Acoustics	2055
Bowers & Wilkins	2073, 2029, 2069
Curtis	2068
Definitive Technology	2053
Denon	2032, 2078, 2079
Durabrand	2024
Dynavox	2041
Focal	2077
Haier	2047
Harman/Kardon	2048
iLive	2039
Insignia	2070
JBL	2062, 2050

JVC	2036
Klipsch	2066
Lennox	2024
LG	2040
Martin Logan	2049
Onkyo	2075, 2076, 2044
Parasonic	2043, 2045, 2063
Philips	2072, 2034, 2042
Pinnacle Speakers	2064, 2060
Pioneer	2071
Polk Audio	2046
Proficient	2054
RCA	2074
Samsung	2033
Scandyna	2028
Sharp	2061, 2037
Sonos	2067
Sony	2056
SpeakerCraft	2054
Toshiba	2052
VIZIO	2030
Yamaha	2031, 2025, 2038
ZVOX	2026, 2065, 2027
Setup Codes For Audio - Receiver (R)	
Adcom	2089
Aiwa	2082, 2120, 2084, 2086
Alco	2107
Altec Lansing	2164
AMC	2092
Anam	2116
Apax Digital	2125, 2096, 2109
Arcam	2094, 2086
Audiotronic	2094
Audiovox	2107, 2181
Bose	2133, 2118, 2209
Carver	2086, 2082, 2094
Coby	2170, 2168, 2190
Denon	2173, 2104, 2160, 2110, 2172, 2205, 2147, 2093
Definitive Technology	2053
Denon	2032, 2078, 2079
Durabrand	2024
Dynavox	2041
Focal	2077
Haier	2047
Harman/Kardon	2048
iLive	2039
Insignia	2070
JBL	2145, 2081

JVC	2122, 2105, 2080, 2150, 2111, 2175
Kenwood	2115, 2121, 2102, 2101
KLH	2107
Klipsch	2182
Koss	2112
LG	2144, 2167, 2148, 2101, 2151, 2202
Linn	2086
Liquid Video	2112
Logitech	2153
Magnavox	2086, 2094, 2129, 2187
Marantz	2100, 2140, 2086, 2094, 2200
McIntosh	2100
Micromega	2094
Myryad	2094
Nakamichi	2102
NaxxTech	2123
Norcent	2123
Onkyo	2128, 2083
Optimus	2090
Ortron	2112
Outlaw Audio	2210
Panasonic	2178, 2119, 2204, 2169, 2211, 2139, 2196, 2203, 2161, 2185, 2180, 2122
Philco	2107, 2129
Philips	2154, 2129, 2086, 2149, 2097, 2094, 2191
Pioneer	2134, 2106, 2090
Polk Audio	2100, 2086, 2146
Proscan	2095
RCA	2095, 2137, 2195, 2165, 2107, 2116, 2193, 2152, 2192, 2194, 2090, 2181
Rio	2131
Samsung	2130, 2171, 2141, 2176
Sansui	2086
Sanyo	2127
Sharp	2208
Sherbourn	2207
Sherwood	2092, 2114, 2132, 2113, 2183, 2135
Sherwood Newcastle	2114
Sonic Blue	2131
Sony	2117, 2142, 2124, 2158, 2084, 2166, 2201, 2184, 2206
Stereophonics	2090
Sunfire	2159, 2102
Teac	2088, 2107, 2098

Technics	2119
Thorens	2094
Toshiba	2126
Venturer	2107, 2181
Victor	2080
Wards	2084, 2086
Yamaha	2138, 2155, 2085, 2099, 2087, 2103, 2197, 2108, 2136, 2156
Zenith	2101, 2131, 2144
	2153
Setup Codes For Television (T)	
3M	1019
BBB	1360
Accurian	1174
Acer	1083, 1357, 1359
Admiral	1012
Advent	1022, 1030, 1120
Affinity	1330, 1329, 1311
Afron	1050
Aiwa	1089
Alkal	1016, 1145, 1149, 1061, 1093, 1150, 1189, 1223, 1023
America Action	1008
Anam	1008
AOC	1124, 1090, 1204, 1210, 1243, 1125, 1262, 1328
Aomni	1131
Apex Digital	1023, 1242, 1021, 1062, 1199, 1049
Ario	1242
Astar	1155, 1114
Asus	1297
Atvio	1318, 1050, 1317, 1320, 1323
Audiovox	1193, 1180, 1244, 1039, 1008, 1118, 1182, 1029, 1068, 1167, 1170, 1190, 1283, 1011, 1174, 1254
Aumark	1002
Auria	1210, 1204
Aventura	1007
Awa	1250
Axion	1190
B & O	1130
Bang & Olufsen	1130
BenQ	1308, 1052, 1078, 1117
Bluzens	1269
Blue Light	1321
Boxlight	1019, 1020

Bradford	1008
Brilliant	1051
Broksonic	1012, 1189, 1185, 1191, 1184
Bydtsign	1076
Casio	1280, 1060
Celera	1023
Champion	1089
Changhong	1023
Cinego	1197
Cineon	1344
Citizen	1002, 1141, 1143, 1144, 1189
Clarion	1008
Clarix	1333
Coby	1305, 1229, 1235, 1226, 1228, 1236, 1133, 1233, 1231, 1234, 1316, 1115, 1237, 1238, 1307, 1205, 1259, 1319
Commercial Solutions	1103
Contac	1008
Contax	1355
Cornea	1326
Craig	1008, 1302
Crown	1008
Curtis	1276, 1311, 1249, 1337, 1239, 1242, 1343, 1199, 1080, 1317, 1353, 1077, 1258, 1289, 1292, 1299
Curtis Mathas	1002, 1011, 1016, 1140, 1086, 1195
CXC	1008
Cytron	1080
Daewoo	1140, 1011, 1014, 1264
Dell	1097, 1066, 1054
Diamond Vision	1200, 1201
Digistar	1119
Digital Lifestyles	1166
Digital Projection Inc.	1160
Digitrex	1363
Disney	1184, 1293
Dream Vision	1074
Dukane	1019, 1020, 1095
Dumont	1000
Durabrand	1012, 1007, 1120, 1008, 1053
Dynex	1206
Eki	1248, 1261
Electrograph	1161, 1131
Electrohome	1012, 1144, 1120, 1142
Electron	1249, 1276

Elektra	1000, 1140
Element	1309, 1148, 1219, 1279, 1340, 1183
Elite	1335
Emerson	1179, 1094, 1007, 1012, 1196, 1008, 1186, 1183, 1185, 1140, 1315, 1219, 1272, 1011, 1201, 1309
Emprex	1101, 1166
Encross	1106
Envision	1124, 1090, 1210, 1033, 1204, 1262
Epson	1071, 1092, 1055, 1036, 1256, 1331
Epworth	1089
EQD	1204, 1210
EQD Auria	1204, 1210
ESA	1007, 1196
Favi	1299
Fisher	1089
Fluid	1279, 1340
Fujitsu	1031, 1015, 1042
Funai	1007, 1008, 1094, 1196, 1179
Futuretech	1008
Gateway	1161, 1162
GE	1011, 1103, 1086, 1001, 1023
General Electric	1011, 1103, 1086, 1001, 1023
GFM	1007, 1196, 1183, 1179, 1180
Gibraltar	1000
Go Video	1176, 1002
GPX	1349, 1348, 1267, 1300, 1273
Grundig	1015
Grunpy	1008
Haier	1159, 1227, 1299, 1225, 1025, 1251, 1053, 1264, 1120, 1291
Hannspree	1087, 1157
Harvard	1008
Harios	1044
Hello Kitty	1011, 1272
Hewlett Packard	1135, 1286
Hidex	1334
Himitsu	1008
Hisense	1219, 1139, 1211, 1077, 1021, 1299
Hitachi	1136, 1085, 1121, 1019, 1027
Hitelcar	1285
HP	1135, 1286
Hyundai	1301, 1041, 1063, 1072

I-Inc	1158
iLo	1146, 1198, 1128, 1070, 1094
InFocus	1306, 1020, 1222
Initial	1198, 1128
Insignia	1206, 1134, 1118, 1080, 1202, 1059, 1102, 1184, 1110, 1007, 1012, 1093, 1139, 1196, 1245
Inteq	1000
iRIS	1220
iSymphony	1299, 1285, 1284
IX	1046
JC Penney	1002, 1086, 1001, 1006
JCM	1220, 1224
Jensen	1080, 1291, 1022, 1030, 1255
JVC	1171, 1230, 1215, 1142, 1013, 1015, 1012, 1184
KC	1362
KDS	1148
KEC	1008
Kingston	1295
KLH	1023
Kolin	1064
Konka	1093
Kost	1108
Kraisen	1106
KTV	1008
Lasonic	1290
Legend	1242, 1227
Lexus	1318, 1320, 1323
LG	1102, 1067, 1169, 1277, 1351, 1000, 1010
LodgingStar	1288
LXI	1006, 1000, 1086
MAG	1148
Magnasonic	1186
Magnavox	1104, 1260, 1315, 1186, 1196, 1018, 1058, 1058, 1007, 1090, 1001, 1029, 1161, 1181
Marantz	1095, 1247, 1017, 1104
Matsushita	1001, 1013
Maxent	1161, 1163
MB Quart	1182
Memorex	1012, 1185, 1120, 1142, 1191, 1184, 1293, 1002, 1005, 1199, 1165, 1023, 1044, 1077, 1081, 1119, 1167, 1208, 1214, 1070, 1079, 1080, 1202, 1216
MGA	1005
MicroTEK	1344

Midland	1000, 1001
Mintak	1128, 1198
Misakai	1007
Mitsubishi	1065, 1005, 1172, 1287
Mitsui	1324, 1361, 1318, 1320, 1322, 1323, 1325
MTC	1002
Multitech	1008
NAD	1006, 1045
Naoki	1116, 1240
Naxa	1212, 1269, 1356, 1289, 1299, 1302
NEC	1172, 1151, 1095, 1017, 1225, 1222
NetTV	1161
New Acoustic Dimension	1006, 1045
Nextar	1352
Nexus Electronics	1219
Nikko	1000, 1086, 1006
Niko	1123
Norcant	1090, 1124, 1035, 1126, 1021, 1125, 1157
Norwood Micro	1070, 1073
NuVision	1218, 1138
Ölevia	1129, 1064, 1057
Orwa	1008
Optimus	1188, 1186, 1187, 1013
Optique	1220
Optoma	1282, 1364
Orion	1012, 1185, 1191, 1184
Panasonic	1107, 1188, 1192, 1187, 1001, 1013, 1075, 1099, 1002, 1005, 1006, 1071, 1086
PARK	1212
POI	1106
Panney	1002, 1086, 1001, 1006
Philco	1007, 1196, 1094
Philips	1181, 1104, 1260, 1315, 1263, 1000, 1007, 1266, 1090, 1198, 1094, 1108
Pioneer	1105, 1045, 1294, 1095
Planar	1046, 1124
Polaroid	1112, 1170, 1068, 1115, 1093, 1168, 1353, 1148, 1199, 1165, 1023, 1044, 1077, 1081, 1119, 1167, 1208, 1214, 1070, 1079, 1080, 1202, 1216

Portland	1140, 1011
Prima	1022, 1159, 1030
Prism	1001
Projectiondesign	1160
Proscan	1219, 1299, 1311, 1224, 1296, 1330, 1337, 1317, 1343, 1103, 1086, 1217, 1271, 1340, 1353
Proview	1148
Pulsar	1000
Pyle	1221, 1265, 1339
Pyle Home	1221
QuantumFX	1313, 1232
Quasar	1001, 1188, 1187, 1338, 1363, 1013
RadioShack	1008
RCA	1271, 1246, 1103, 1311, 1299, 1278, 1330, 1296, 1219, 1086, 1140, 1194, 1195, 1288, 1317, 1093, 1182, 1185, 1202, 1276, 1342, 1343, 1001, 1004, 1356
Realistic	1008
RevolutionHD	1131
Runco	1095, 1000
Sampo	1161
Samsung	1207, 1350, 1002, 1016, 1346, 1195, 1024, 1257, 1013, 1034
Sarsui	1012, 1184, 1185, 1142, 1189, 1191, 1098, 1355, 1007, 1309
Sanyo	1056, 1028, 1089, 1137, 1248, 1003
Sceptre	1338, 1232, 1062, 1088, 1047, 1127, 1253
Scott	1152, 1008
Sears	1006, 1051, 1051
Seiki	1345, 1279, 1309, 1310
Seiko Epson	1071, 1092, 1055, 1036, 1256, 1331
Seleco	1074
Sens	1180
Seura	1365
Sharp	1241, 1261, 1243, 1335
Sherwood	1096, 1281
Sigmac	1304, 1302
Silo	1332, 1304, 1362
Silo Digital	1332, 1304, 1362
SIM2 Multimedia	1074
Skyworth	1175, 1173
Smart	1347

Soldá	1108, 1131
Sony	1032, 1147, 1009, 1038
Soundesign	1008
Soyo	1158, 1111, 1177, 1178
Spectroniq	1148
Speler	1358, 1354
Squareview	1007
SSS	1008
Starlite	1008
SunBritaTV	1232, 1100, 1129
Superscan	1043, 1007
Supersonic	1313, 1289, 1212, 1314, 1273, 1291, 1336
SVA	1021, 1044, 1025, 1196
Sylvania	1179, 1007, 1196, 1183, 1186, 1094, 1077
Symphonic	1007, 1186, 1196, 1094, 1008
Syntax	1129, 1064, 1057
Taki	1116
Tatung	1252, 1070, 1162
TCL	1246
Technics	1001, 1000, 1086, 1013
Techview	1040, 1203
Techwood	1001
Teknika	1008, 1002, 1005
Telefunken	1016
TNCi	1000
Tosaki	1116, 1240
Toshiba	1113, 1006, 1189, 1037, 1151, 1195, 1013, 1084, 1091, 1002, 1020, 1067, 1274
TruTech	1154, 1209
TVS	1012
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US Logic	1070
Venturer	1180, 1182
VEOS	1051
Vidikron	1095
Viewsonic	1204, 1210, 1327, 1019, 1026, 1043, 1082, 1132, 1161, 1366, 1206, 1275, 1027, 1213, 1048, 1109, 1118, 1122, 1156, 1090
Vicra	1239, 1299, 1285, 1212, 1252, 1284, 1146, 1061, 1289
VisionQuest	1298, 1289
Vivitek	1026, 1091
VIZIO	1164, 1268, 1162, 1043, 1048

Vuon	1301
Wards	1000, 1006, 1001, 1086, 1002, 1008, 1045
Waycon	1006
Westinghouse	1153, 1312, 1299, 1048, 1225, 1284, 1303, 1049, 1069, 1242, 1341, 1011, 1012, 1062
White Westinghouse	1140, 1012, 1186
Wyse	1090
Xococo	1022, 1159, 1030
Yamaha	1027
Zenith	1000, 1067, 1185, 1102, 1140, 1090, 1012
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Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

For Industry Canada
Industry Canada statement
This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.